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NEWPORT PAGNELL RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for

THE YEAR 1962.



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MEDICAL OFFICER OF HEALTH

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Chairman of the Council: J. S. Goss, J.P.

PUBLIC HEALTH COMMITTEE

Chairman: J. H. Baxter.

Vice-Chairman: Miss S. K. A. Uthwatt

Councillors: Miss A. E. Chase, Genl. H. Blount, D.S.O., H. F. Dolling,
A. Eley, F. T. Hawkins, Revd. P. Hemming, M.A., W.E. Jarvis,
Alderman S. W. Lord, J.P., S. W. Morgan, D. G. Revitt,
R. O. Sharpe, J.P., Revd. H. Sparling, M.C., B.A.,
F. J. G. Watkiss, Brig. Sir Richard Gambier-Parry, K.C.M.G.,
A. Snaith, H. W. Tarrant, H. W. Wesley.

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH

D. H. WALDRON, O.B.E., M.D., D.P.H., D.T.M.&H., COL.I.M.S. (RETD.)

(The Medical Officer of Health is also M.O.H. for Buckingham M.B., the Urban Districts of Bletchley, Newport Pagnell and Wolverton, the Rural Districts of Buckingham and Winslow, Area M.O. for North Bucks and Buckingham and Winslow Division).

DEPUTY MEDICAL OFFICER OF HEALTH

R. A. ATKINSON, M.B., B.CH., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR

F. LOCKWOOD, M.Inst.B.E., M.A.P.H.I., M.R.S.H.

Council Offices,
7 Station Road,
NEWPORT PAGNELL

15th. July, 1963

TO THE CHAIRMAN AND COUNCILLORS OF
THE RURAL DISTRICT OF NEWPORT PAGNELL

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for the year 1962.

The Birth Rate shows a slight drop from the previous year and is now half a point below that of the rest of the Country.

The Death Rate shows a satisfactory drop from last year and is now one point below the rate for the Country as a whole. Cancer with Heart and Allied Diseases, accounted for 130 of the total of 194 deaths.

The Infantile Mortality Rate shows a slight fall compared with 1961. There were actually 4 deaths in this group, 3 of which were under the age of 1 week.

The Mass Radiography Unit visited Olney, Hanslope and Lavendon in November. 1,507 persons took advantage of this free check up. No active cases of Pulmonary Tuberculosis were discovered, but 7 other chest abnormalities were detected.

I should like to record again another year of pleasant co-operation with your Clerk, Mr. Dunbabin, your Chief Public Health Inspector, Mr. Lockwood, your Surveyor, Mr. Jones and their staffs.

I am,

Your obedient servant,

DANIEL .H. WALDRON.
Medical Officer of Health.

SECTION A.

GENERAL STATISTICS:-

	1961	1962
Area (in acres)	61,686	61,686
Population	14,040	14,130
Number of inhabited houses	5,042	5,055
Rateable Value	£139,362	£145,785
Sum represented by a ld. Rate (estimate) ...	£544	£553

VITAL STATISTICS:-

Legitimate (Males	113	90
" (Females)	103	117
Illegitimate (Males)	4	3
" (Females)	3	3
Stillbirths	4	2
Birth Rate per 1,000 population	18.4	17.5
" " " " " (Bucks)	18.6	19.2
" " " " " (England & Wales)	17.4	18.0

DEATHS:-

Males	101	85
Females	100	109
Death Rate per 1,000 population	11.2	10.6
" " " " " (Bucks)	9.4	9.6
" " " " " (England & Wales)	12.0	11.9
Maternal Mortality	Nil	Nil
" " (England & Wales)	0.33	0.35
Infantile Mortality	22.4	18.8
" " (Bucks)	18.1	17.9
" " (England & Wales)	21.4	21.4

PRINCIPAL CAUSES OF DEATH:-

	1961			1962		
	M.	F.	T.	M.	F.	T.
Tuberculosis, respiratory	0	0	0	0	0	0
Tuberculosis, other	0	0	0	0	0	0
Meningococcal Infections	0	0	0	0	0	0
Acute Poliomyelitis	0	0	0	0	0	0
Cancer	14	12	26	11	19	30
Leukaemia	0	0	0	1	0	1
Diabetes	0	1	1	0	1	1
Cerebral Haemorrhage	16	16	32	9	22	31
Heart Disease	34	30	64	33	27	60
Other Circulatory Diseases	6	5	11	2	7	9
Influenza	2	1	3	0	0	0
Pneumonia	8	9	17	7	8	15
Bronchitis	4	6	10	6	3	9
Digestive Diseases	1	2	3	1	0	1
Nephritis	1	2	3	0	0	0
Hyperplasia of prostate	0	0	0	1	0	1
Pregnancy, Childbirth, Abortion	0	0	0	0	0	0
Congenital Malformations	1	1	2	0	0	0
Accidents	3	3	6	5	8	13
Suicide	0	1	1	3	0	3
All other causes	11	11	22	6	14	20
TOTALS	101	100	201	85	109	194

SECTION B

GENERAL PROVISION OF HEALTH SERVICES

1. LABORATORY SERVICES

Specimens for bacteriological investigation were sent to the Public Health Laboratories at Northampton and Bedford. Specimens for qualitative and quantitative analysis were sent to London.

2. AMBULANCE SERVICES

This service, which is controlled by the County Health Department, maintains two motor ambulances and one sitting case car in Newport Pagnell supplemented, if necessary, by ambulances from other areas in North Bucks.

3. HOME NURSING AND MIDWIFERY

The District Nurses in the Newport Pagnell Rural Area carried out their duties in their usual conscientious manner.

4. CLINICS

(a) Child Welfare Centres:-

There are four static Welfare Centres serving the district. They are located as follows:-

Hanslope	(once monthly)	Olney	(once monthly)
Newport Pagnell	(twice monthly)	Woburn Sands	(twice monthly)

In addition the following villages were visited by the Mobile Welfare Units:-

Castlethorpe	Astwood	Loughton	Sherington
Stoke Goldington	North Crawley	Shenley-Church-End	Wavendon
Ravenstone	Milton Keynes	Lavendon	Haversham
Filgrave	Little Brickhill	Moulsoe	Bow Brickhill

The District Nurse and Health Visitor attended each session and a Medical Officer attended once a month. In addition to the normal work of a Child Welfare Centre, immunisation against Diphtheria and Whooping Cough was also carried out. These centres have done excellent work during the year and the total attendances of children was 3,988. I should like to draw attention to the valuable work done by the Ladies Voluntary Committee at these centres.

(b) Chest Clinics:-

Administered jointly by the County Health Department and the Regional Hospital Board, Chest Clinics serving this area are held at Wolverton and Bletchley. A specialist in Chest Diseases attends once a week and these Clinics are doing excellent work, particularly in the fight against Tuberculosis.

(c) Orthopaedic Clinic:-

This clinic, administered by the Regional Hospital Board, is held twice monthly at Wolverton Road, Newport Pagnell.

5. HOME HELPS SERVICE

This Service, introduced under the National Health Service Act, 1946 is helping many people annually. During 1962 a total of 49 cases were assisted.

6. HOSPITALS

The following hospitals have received cases from the area during the year:-

Northampton General	Bedford General
Harborough Road	Royal Bucks
Creton Sanatorium	Tindal House, Aylesbury
Renny Lodge	Westbury, Newport Pagnell

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

(A) WATER

A good supply of water has been maintained by the Bucks Water Board over the whole of the Council's area throughout the year. The supplies are still obtained from the Olney Source and the Birchmoor Source.

Regular Bacteriological Samples have been taken and submitted for analysis by the Public Health Department and have on all occasions proved very satisfactory.

The Chemical Analysis of the two samples are as follows:-

	<u>Olney Source.</u>			<u>Birchmoor Source.</u>		
Appearance	Clear and Bright	Clear and Bright	
pH Value	7.6	6.9	
Colour	Less than 5	Less than 5	
Turbidity	Less than 1	Less than 1	
(Results in parts per million)						
Ammonia Nitrogen		0.006	Nil	
Albuminoid Nitrogen		...		0.026	Nil	
Nitrite Nitrogen		Nil	Nil	
Nitrate Nitrogen		5.02	4.96	
O ₂ absorbed from permanganate (3 hours at 37° C.)	...			Nil	0.05	
Free CO ₂	2	7	
Alkalinity as CaCO ₃		...		98	50	
Carbonate Hardness		...		98	50	
Non-Carbonate Hardness		...		107	55	
Total Hardness		205	105	
Total Solids (dried at 180°C.)				420	153	
Calcium, as Ca		70	29	
Magnesium, as Mg		7	8	
Sulphate, as SO ₄		137	15	
Chloride, as Cl		38	21	
Silica, as SiO ₂		--	--	
Iron, as Fe: Total	...			Nil	0.14	
Soluble	...			--	--	
Fluoride, as F		--	--	
Residual Chlorine		0.3	Very slight trace	

Continued/

(A) WATER (Cont'd)

Tyringham Private Supply

This private supply for the village of Tyringham has proved satisfactory both in quality and quantity throughout the year.

The total number of residential properties is 5,104 being 4,944 houses, 111 houses and shops and 49 licenced premises, of which 4,860 are supplied with water from the Public Mains. In addition the village of Tyringham (26 dwellings) has its own private supply laid on to each property.

Several outlying farms and cottages also have their own private supply laid on for all drinking and domestic purposes. Unfortunately records are not available to show how many of the properties are supplied from the Board's main by stand-pipe, but this is known to be only a relatively small number. The population in the Rural District is 14,138 and the estimated population supplied with main water from the Public Main is 13,338.

Total consumption for the whole district for all purposes for the year 1962 from Olney and Birchmoor Sources (Tyringham being privately owned and not measured):-

	<u>Gallons</u>
Overbrook Works, Weston Underwood ...	35,989,000
Birchmoor Total	147,613,000
	<hr/>
TOTAL	183,602,000
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B. SEWERAGE AND SEWAGE DISPOSAL.

Existing Sewers and Sewage Disposal Works.

Since the last Report, work has been completed on the Castlethorpe sewerage and sewage disposal scheme and the effluent from the new disposal works is proving satisfactory.

All the existing sewers, sewage disposal works and sewage pumping stations in the various villages have been effectively maintained during the year. In view of the increasing number of new village disposal works and in order to effect an improvement in the standard of maintenance at each works, strength of the maintenance staff has been increased.

In each village where a new sewerage scheme has been carried out, the majority of properties now have a modern system of water borne sanitation and I would urge every owner of property that has still not been connected to the new sewers, to do so without delay.

. Proposed Sewers and Sewage Disposal Works.

Work is well advanced on the Great Linford (Station Terrace area), Shenley Church End and Loughton and Stoke Goldington and Ravenstone sewerage and sewage disposal schemes. It is anticipated that the Great Linford scheme will be completed in the early Spring of 1963, whilst both the other schemes should be completed in the Autumn of 1963.

Detailed schemes are being prepared for the villages of North Crawley and Woughton and work should be commenced on both schemes during the summer of 1963.

The Council are making great strides in the provision of sewerage and sewage disposal facilities within the district and approximately 90% of the population will shortly have a main drainage scheme available.

Continued/

C. REFUSE AND REFUSE COLLECTION

A survey of the whole refuse collection and disposal arrangements within the District was carried out in the Spring of this year, following which the Council introduced a weekly refuse collection service in approximately one half of the District. This more frequent service was mainly given to the centres of population and was primarily achieved at a modest cost by the introduction of a new 25 cu. yd. refuse collection vehicle. At the same time the fortnightly collection service to the remainder of the area has been effectively maintained. The introduction of the weekly collection service has proved so successful that it is anticipated another similar vehicle will be purchased and a weekly collection service introduced to the remainder of the Rural District in the Summer of 1963.

During the year particular attention has been paid to the disposal of refuse and the two main tipping sites at Bow Brickhill and Stoke Goldington have been regularly levelled and covered with soil by means of mechanical equipment. In 1963 the Council will introduce a new method of tipping which should prove more effective and less expensive than the system at present adopted.

D. PAIL AND CESSPOOL EMPTYING

The weekly pail emptying and quarterly cesspool emptying services have been regularly maintained.

SECTION E

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding Cows	Cows	Calves	Sheep & Lambs	Pigs	Horses
Number killed (if known)	671	52	3	2,595	1,113	Nil
Number inspected	671	52	3	2,595	1,113	Nil
<u>ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERI:</u>						
Whole Carcasses Condemned	Nil	Nil	Nil	3	Nil	Nil
Carcasses of which some part or organ was condemned	25	12	Nil	Nil	10	Nil
Percentage of the number inspected affected with disease other than Tuberculosis & Cysticeri.	3.726	23.07	Nil	.116	.889	Nil
<u>TUBERCULOSIS ONLY:</u>						
Whole Carcasses Condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcasses of which some part or organ was condemned	Nil	Nil	Nil	Nil	5	Nil
Percentage of the number inspected affected with Tuberculosis	Nil	Nil	Nil	Nil	.449	Nil
<u>CYSTICEROSIS:</u>						
Carcasses of which some part or organ was condemned.	Nil	Nil	Nil	Nil	Nil	Nil
Carcasses submitted to treat- ment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and Totally condemned	Nil	Nil	Nil	Nil	Nil	Nil

SECTION F.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
IN RESPECT OF THE YEAR 1962 FOR THE RURAL
DISTRICT OF NEWPORT PAGNELL IN THE COUNTY OF
BUCKINGHAMSHIRE.

Prescribed Particulars on the Administration
of the Factories Act, 1961

PART 1 OF THE ACT

1 - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1,2,3, 4 and 6 are to be enforced by Local Authority...	3	12	1	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.....	45	94	10	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority.....	22	44	6	Nil
TOTAL.....	70	150	17	Nil

2 - Cases in which DEFECTS WERE FOUND

Particulars (1)	Number of cases in which defects were found				No. of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1).....	3	3	Nil	Nil	Nil
Overcrowding (S.2).....	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature (S.3).....	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation (S.4).....	1	1	Nil	Nil	Nil
TOTAL	4	4	Nil	Nil	Nil

Continued/...

2 - Cases in which DEFECTS WERE FOUND (Cont'd.)

Particulars (1)	Number of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found (2)	Remedied (3)	Referred To H.M. Inspector	Referred By H.M. Inspector	
Ineffective drainage of floors (S.6).....	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences (S.7)					
(a) Insufficient.....	3	3	Nil	Nil	Nil
(b) Unsuitable or defective.....	5	5	Nil	Nil	Nil
(c) Not separate for sexes.....	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork).....	Nil	Nil	Nil	Nil	Nil
TOTAL:	8	8	Nil	Nil	Nil

PART VIII OF THE ACT

Outwork

(Sections 133 and 134)

No. of out-workers in August list required by Section 133 (1) (c) = 7.
All of these 7 outworkers are employed in making wearing apparel.

SECTION G.

PREVALENCE OF AND CONTROL OVER

INFECTIOUS AND OTHER DISEASES

1. GENERAL.

Apart from 59 cases of Measles which were a carry over from the 1961 epidemic, we were very free from the notifiable diseases during the year.

2. NOTIFICATIONS.

					<u>1961</u>	<u>1962</u>
Whooping Cough	...	...	...	...	3	--
Measles	...	...	...	...	208	59
Scarlet Fever	...	...	...	...	4	--
Pneumonia	...	...	...	...	1	--
Erysipelas	...	...	...	...	--	1
Poliomyelitis	...	...	...	...	2	--

3. TUBERCULOSIS.

Four cases were notified during the year.
There were no deaths.

4. CANCER.

There were 30 deaths from this disease during the year.

DANIEL H. WALDRON.

